AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application.

Listing of Claims

1. (Currently Amended) A method for controlling [[the]] an average pore diameter of a porous body comprising a fibrous apatite/collagen composite, said porous body being produced by:

gelating a dispersion comprising said fibrous apatite/collagen composite, collagen and water;

freeze-drying the resultant gel to form a porous body; and

cross-linking the collagen in said porous body [[;]] ,

wherein the average pore diameter of the porous body is controlled by the following in the following order:

a) freezing pluralities of gels at various freezing-environment temperatures and measuring the solidification time of each gel to prepare a graph showing the relation between the freezing-environment temperature and the solidification time;

b) measuring the average pore diameter of the porous body obtained at various lengths of solidification time to prepare a graph showing the relation between solidification time and average pore diameter;

c) determining the solidification time for providing a desired average pore diameter of said porous body from the graph of the solidification time and the average pore diameter [[,]] ; and

d) determining the freezing-environment temperature for achieving the determined solidification time from the graph of the freezing-environment temperature and the solidification time.

2. (Cancelled)

3. (Previously Presented) The method for controlling the average pore diameter according to claim 1, wherein the temperature for keeping said gel for freezing is -100°C to 0°C.

4. (Cancelled)